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| <b>Modified Form 1449/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(use as many sheets as necessary) | <b>Application Number</b>     | 10/044,703              |
|  | <b>Filing Date</b>            | 11/09/2001              |
|  | <b>First Named Inventor</b>   | DeGroot                 |
|  | <b>Group Art Unit</b>         | 1645                    |
|  | <b>Examiner Name</b>          | Not Yet Assigned SWARTZ |
|  | <b>Attorney Docket Number</b> | 17999-004 CON           |

| U.S. PATENT DOCUMENTS |          |                          |            |                                     |       |           |                            |
|-----------------------|----------|--------------------------|------------|-------------------------------------|-------|-----------|----------------------------|
| Exam Initials         | Cite No. | U.S. Patent Document No. | Issue Date | Name of Patentee(s) or Applicant(s) | Class | Sub Class | Filing Date if Appropriate |
|                       |          |                          |            |                                     |       |           |                            |

| FOREIGN PATENT DOCUMENTS |          |                                       |                                     |                     |                    |
|--------------------------|----------|---------------------------------------|-------------------------------------|---------------------|--------------------|
| Exam Initials            | Cite No. | Foreign Patent Document Office Number | Name of Patentee(s) or Applicant(s) | Date of Publication | Translation Yes No |
|                          |          |                                       |                                     |                     |                    |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |          |  |
|---|----------|--|
| Exam Initials                                     | Cite No. | Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.   |
| MB  | C1*      | Davenport, et al. (1995). "An empirical method for the prediction of T-cell epitopes." <i>Immunogenetics</i> 42(5): 392-397.   |
| MB  | C2*      | DeGroot, et al. (1996). "Computer Prediction of T-Cell Epitopes." <i>New Generation Vaccines</i> , 2 <sup>nd</sup> edition: 127-138.   |
| MB  | C3*      | Falk, et al. (1991). "Allele-specific motifs revealed by sequencing of self-peptides eluted from MHC molecules." <i>Nature</i> 351: 290-296.   |
| MB  | C4*      | Biesinger, et al. (1995). "The Product of the <i>Herpesvirus saimiri</i> Open Reading Frame 1 (Tip) Interacts with T Cell-specific Kinase p56 <sup>lck</sup> in Transformed Cells." <i>J. Biol. Chem.</i> 270(9): 4729-4734.                   |
| MB  | C5*      | Germain, et al. (1993). "The Biochemistry and Cell Biology of Antigen Processing and Presentation." <i>Ann. Rev. Immunol.</i> 11:403-450.  |
| MB  | C6*      | Hammer, et al. (1994). "Precise Prediction of Major Histocompatibility Complex Class II-Peptide Interaction Based on Peptide Side Chain Scanning." <i>J. Exp. Med.</i> 180: 2353-2358.   |
| MB  | C7*      | Meister, et al. (1995). "Two novel T cell epitope prediction algorithms based on MHC-binding motifs; comparison of predicted and published epitopes from Mycobacterium tuberculosis and HIV protein sequences." <i>Vaccine</i> 13(6): 581-591. |
| MB  | C8*      | Roberts, et al. (1996). "Prediction of HIV Peptide Epitopes by a Novel Algorithm." <i>AIDS Res. Hu. Retrovir.</i> 12(7): 593-610.  |
| MB  | C9*      | DeGroot, et al. (1996). "A Novel Algorithm for the Efficient Identification of T-cell Epitopes: Prediction and Testing of Candidate Tuberculosis Vaccine Peptides in Genetically Diverse Populations." <i>Vaccines</i> 96: 127-141.            |
| MB  | C10*     | Meister et al. (1995). "Two novel MHC-binding Motif-based T-cell Epitope Prediction Algorithms: Prediction of Epitopes for Six Mycobacterium tuberculosis Protein Antigens." <i>Vaccines</i> 95: 219-226.                                      |
| MB  | C11*     | International Search Report for PCT/US01/08906 mailed on October 2, 2001.  |

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. 09/813,333, filed March 20, 2001 and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

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|---------------------------|--|------------------------|---------|
| <b>Examiner Signature</b> |  | <b>Date Considered</b> | 3-10-04 |
|---------------------------|--|------------------------|---------|

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